



SlimScan User Manual



PLANON SYSTEM SOLUTIONS INC.

SlimScan User Manual

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Introduction

Thank you for purchasing our Planon SlimScan pocket scanner. The SlimScan functions as a quick and simple tool that can be taken anywhere to swipe over a business card or receipt to capture as color images.

Charging

We recommend that you fully charge your SlimScan before the first use. You can charge the SlimScan by simply plugging it into any powered USB port. It takes about 180 minutes to fully charge the SlimScan.

Scanning

Make sure the scanner is not plugged in before doing any scan.

1. Power on the scanner by pressing the middle button.
2. Select "Scan" and then the folder where you need to save the image, by pressing middle button.
3. Hold the scanner with the screen facing toward you on top of business card (or receipt).
4. Move the scanner slowly towards you until the whole card (or receipt) is scanned.
5. For best results, hold the scanner vertically with little tilt (5°-10°) toward you, all along the scan.

Support

In case you have any questions, need further information or experience any kind of difficulties during installation or operation don't hesitate to contact our Customer Support at:

support@planon.com

Customer Service: 1-905-507-3926

Technical Support: 1-877-DOCUPEN or 1-905-507-3926

For International callers: 1888 507 3926

Package Contents

The following components are included in your SlimScan product package

1. Planon SlimScan scanner
2. USB cable
3. Quick Start Guide
4. Calibration sheet
5. Pouch
6. Brush (for cleaning dust)

1 Keychain Scanner Service

Keychain Scanner Service is a Windows service that always runs in the background and monitors the computer's USB ports. Whenever you connect the keychain scanner to one of the USB ports, it automatically detects it and processes all the new un-processed images.

1.1 Installation

When you plug-in the Keychain Scanner to your computer's USB port, it may or may not automatically launch the installer for you. This depends on what Windows are you running. For Windows XP SP2 and before, it would run automatically. For Windows XP SP3, Windows Vista, or later versions it would open a Auto Play window asking you what to do –



Figure 1: Windows AutoPlay Popup. Select "Install KSService"

Here you can select the "Install KSService" option to run the installer.

If for some reason, AutoPlay is disabled on your system, you will need to run the installer manually –

- 1) Go to Start->My Computer and open the Keychain scanner's folder (it shows as a Removable Disk).
- 2) Double click on SvcSetup.exe

Once the installation program is run, follow the on-screen prompts.

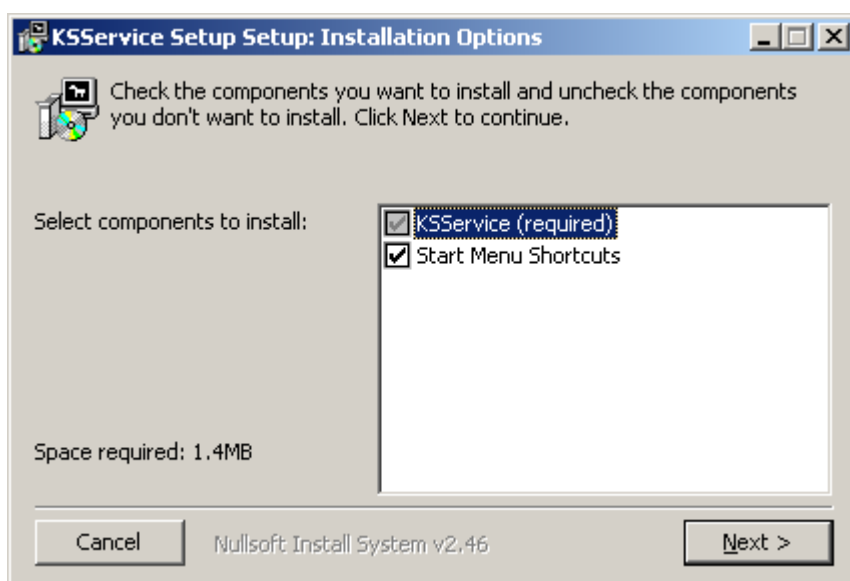


Figure 2: Check or un-check “Start Menu Shortcuts” and click on “Next” button.

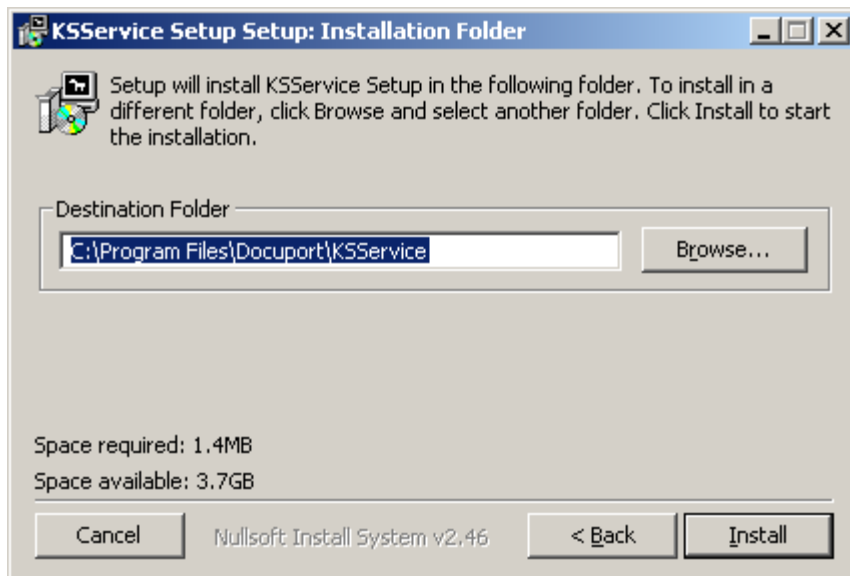


Figure 3: Select where you want to install the program and click on “Install” button.

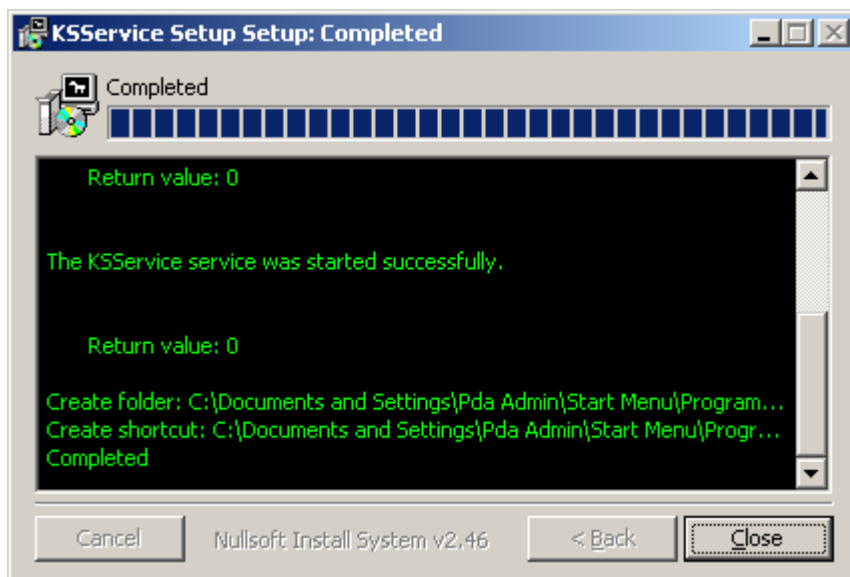


Figure 4: Click on "Close" button once done.

The program is installed under your “Program Files” folder. For convenience, a Start Menu shortcut is also added under Start -> All Programs -> KSService. It contains shortcut for Uninstall.exe

2 SlimScan Software

SlimScan software is your personal business card and receipts manager. It comes free with purchase of SlimScan scanner.

2.1 SlimScan Installation

When you run the installation for the first time, depending on if you have Visual C++ Runtime Libraries installed or not, it may ask you to install them -

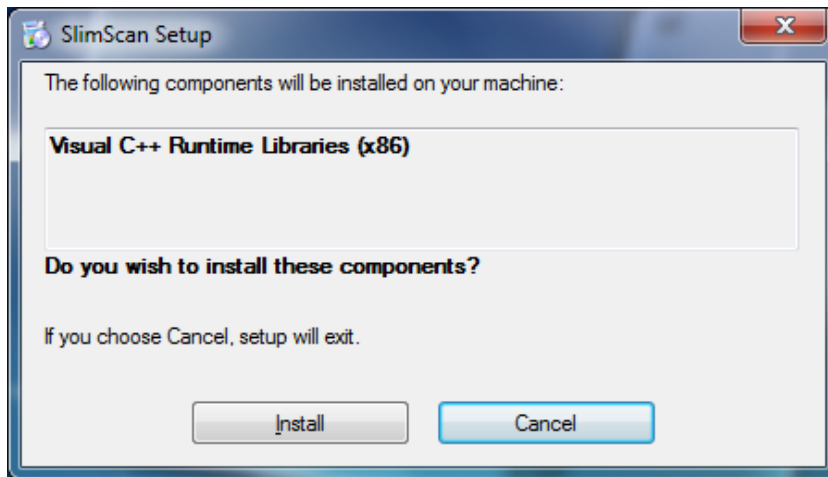


Figure 5 Visual C++ Runtime

If it does, you have to select “Install”, otherwise the installation will stop. If you get any Windows “User Account Control” message, you have to answer “Yes” to allow the Setup to continue.

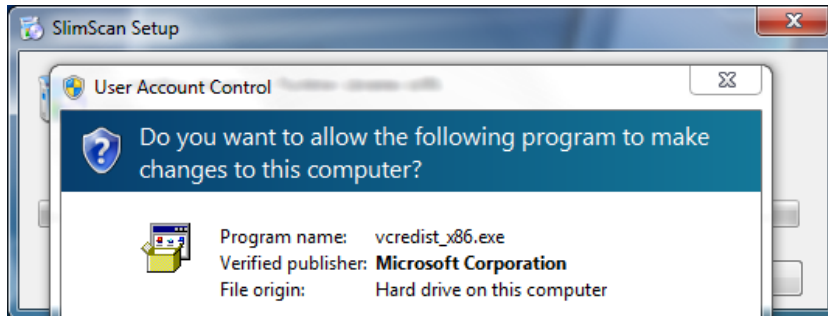


Figure 6 User Account Control – Select “Yes”

You can just leave the default values in the following dialogs, and keep clicking “Next” button until the installation is finished.

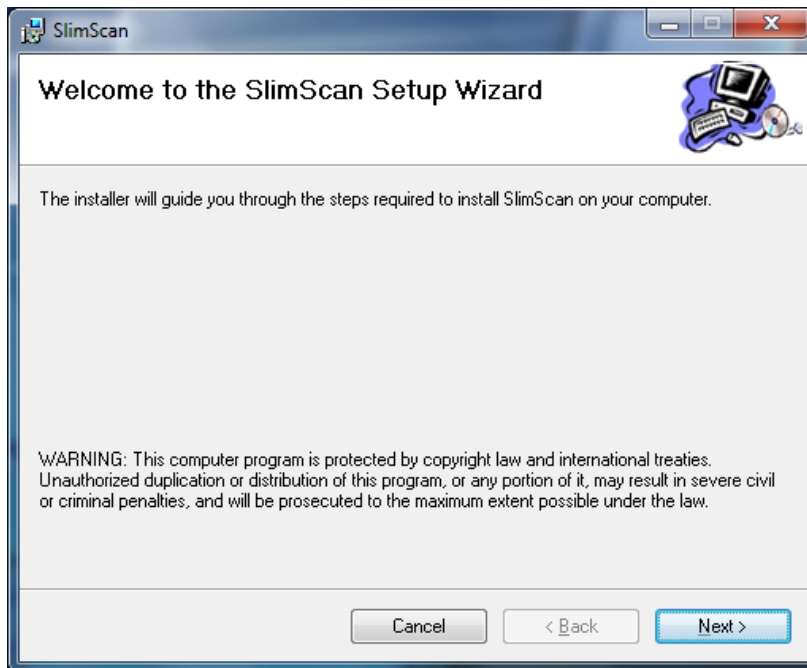


Figure 7:

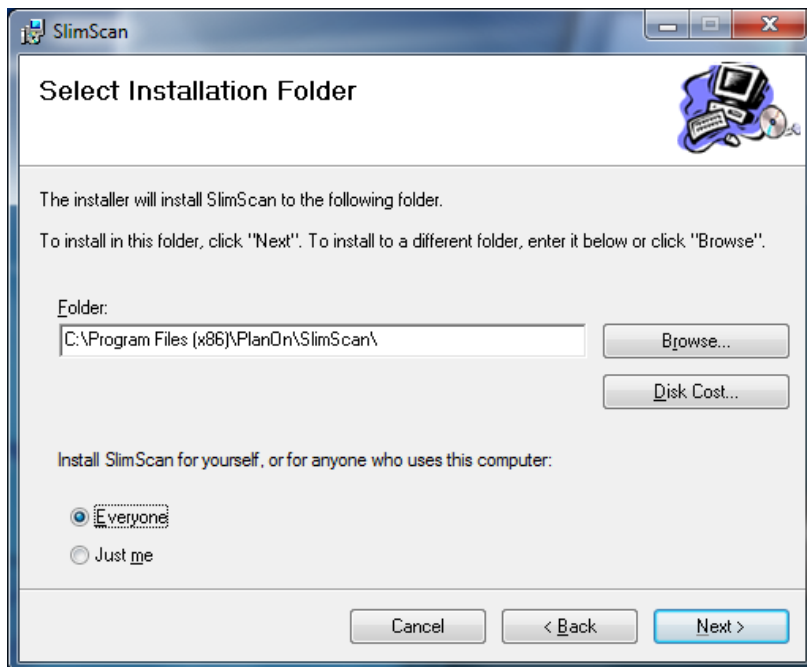


Figure 8:

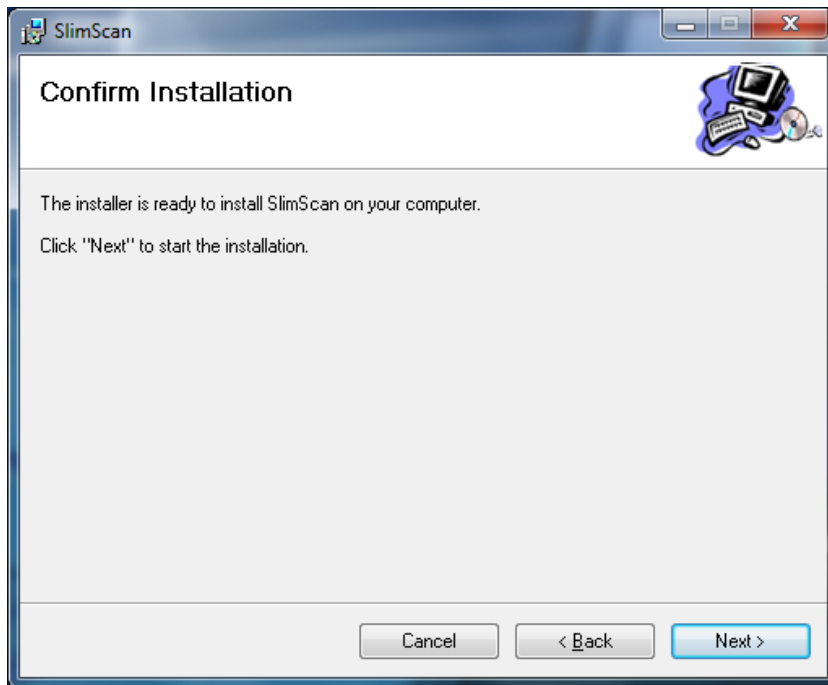


Figure 9

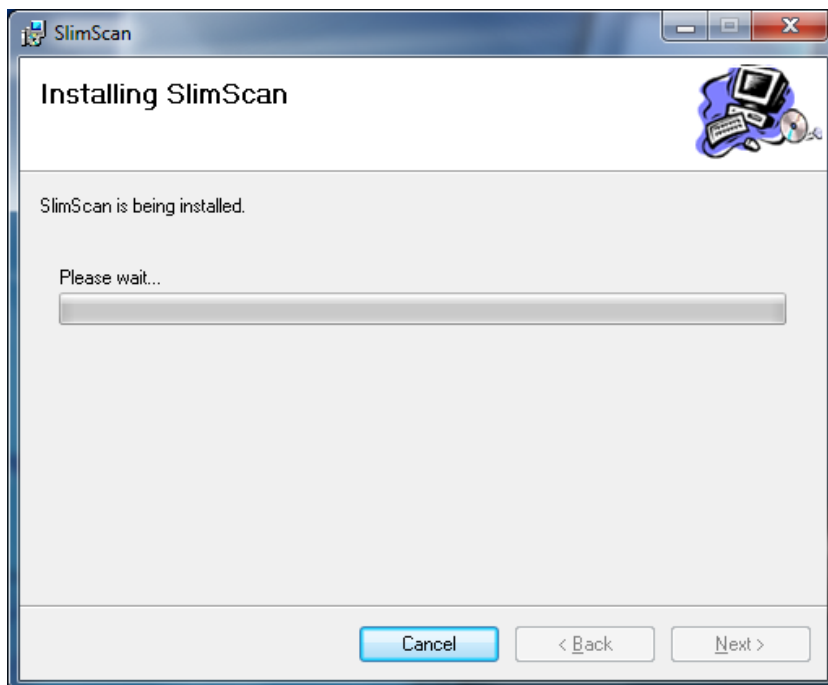


Figure 10:

If you see a “User Account Control” window like below, you need to click “Yes” to proceed, otherwise the installation will stop.

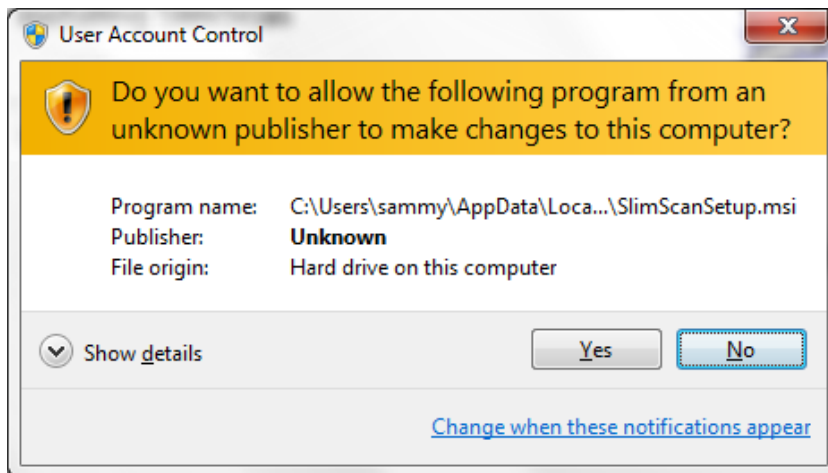


Figure 11: User Account Control – Select “Yes”

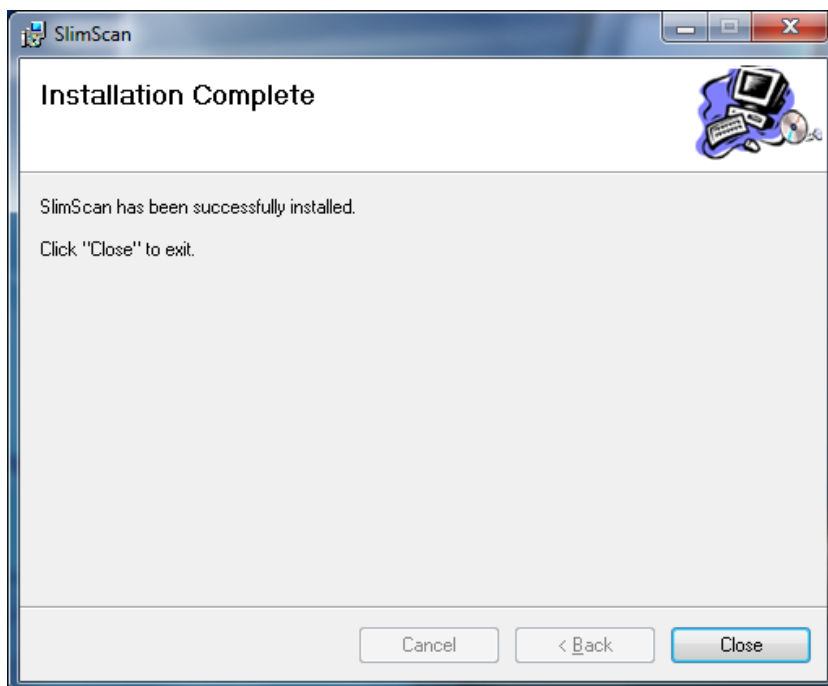


Figure 12: Installation Complete!

2.2 SlimScan Usage

When you click on the SlimScan icon on your Desktop, the following window pop-up -

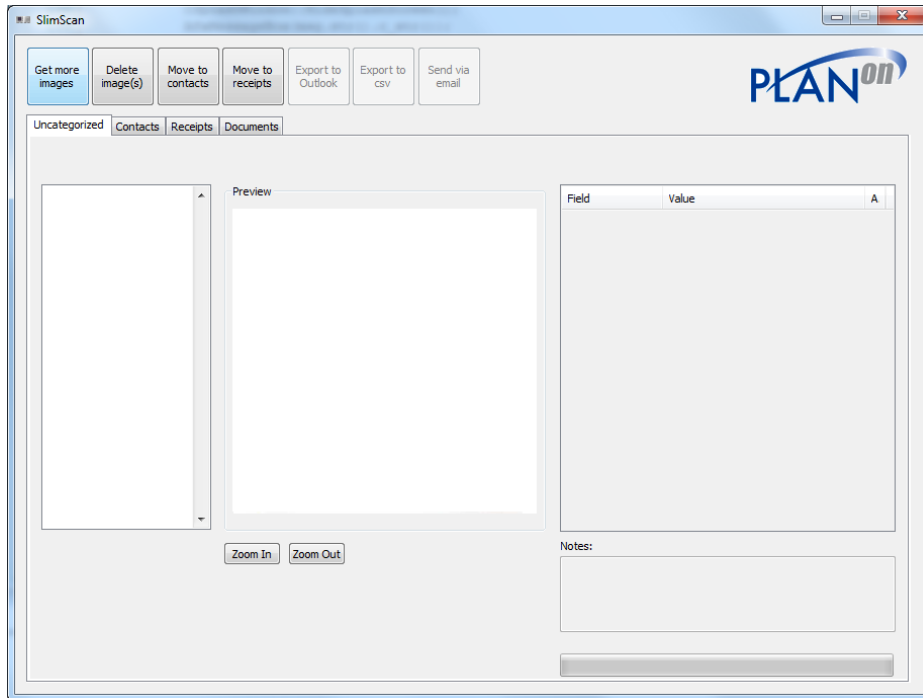


Figure 13:

To add image(s), click on “Get more images” and select the SlimScan’s folder where you scanned the image(s)...

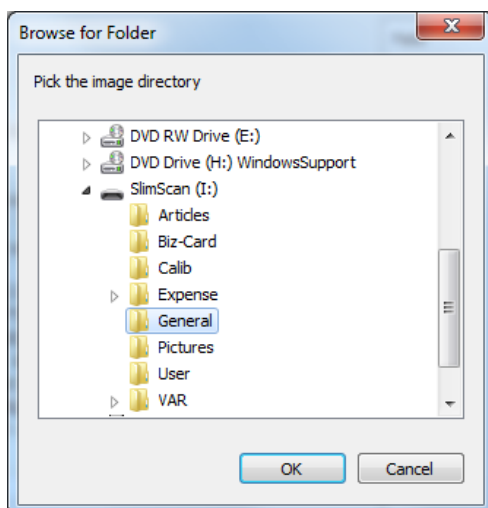


Figure 14:
SlimScan User Manual

You will see a thumbnail of the image placed under “Uncategorized” tab like below -

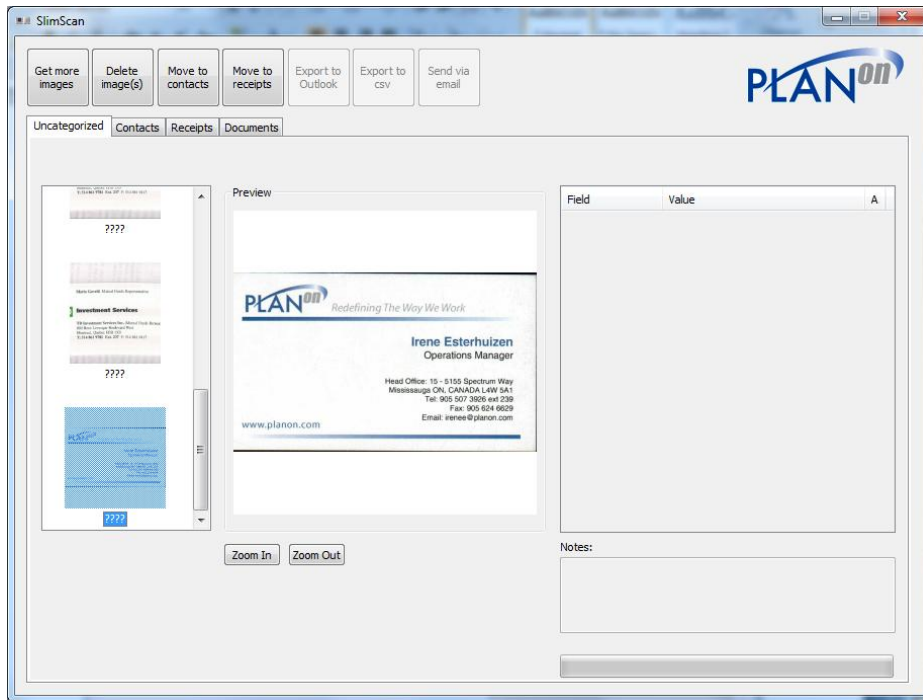


Figure 15:

Since, it's a business card, click on “Move to contacts” and select the category

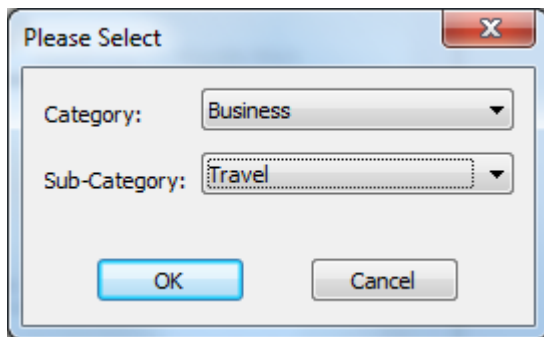


Figure 16:

It will try to detect as many fields as it can, like below -

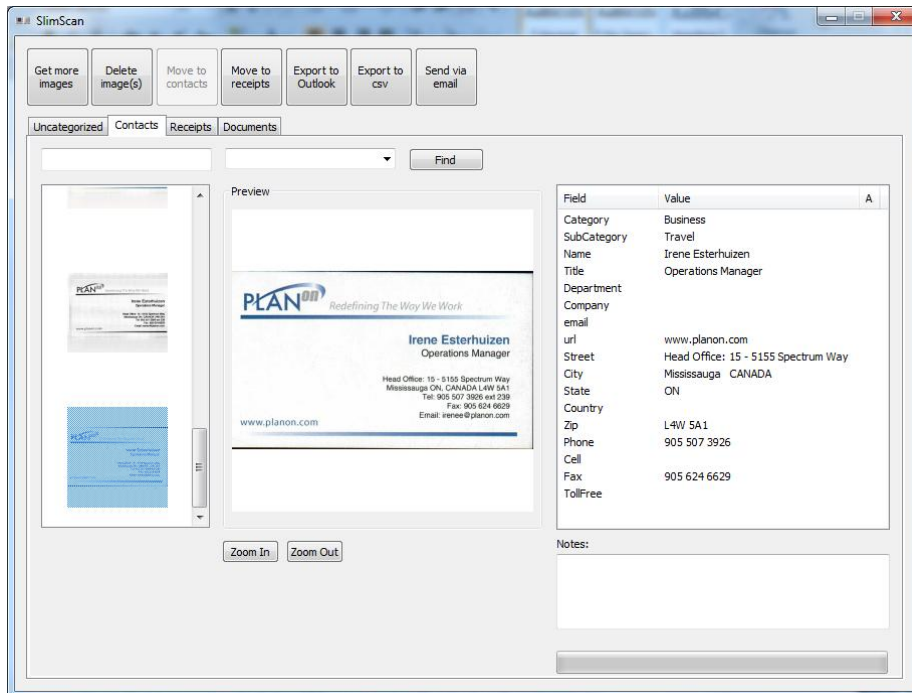


Figure 17:

In this particular case, it missed the email field. So, click on the blank line beside email and a popup will open like below –

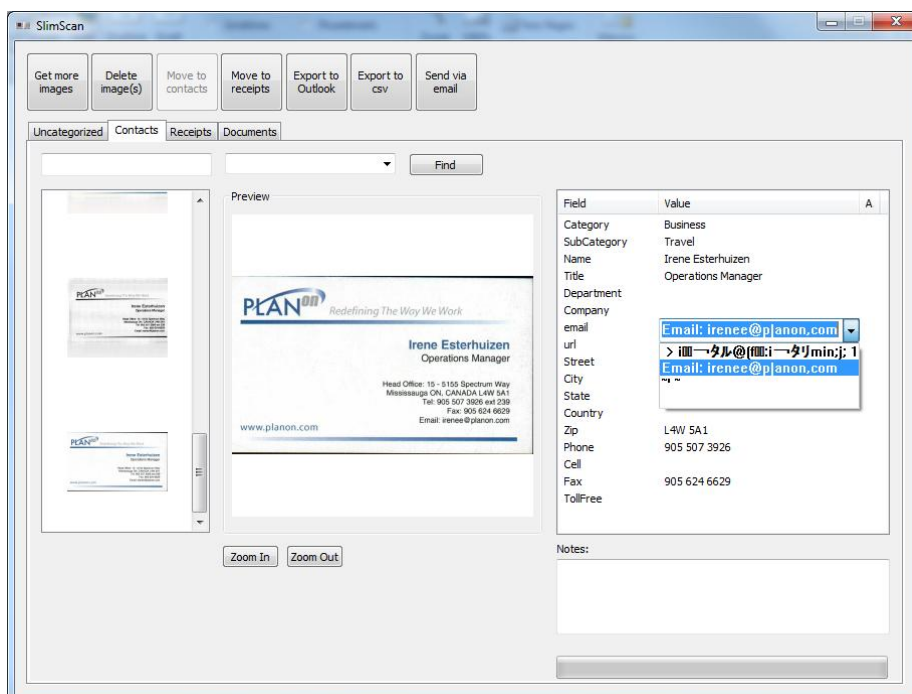


Figure 18:

And finally –

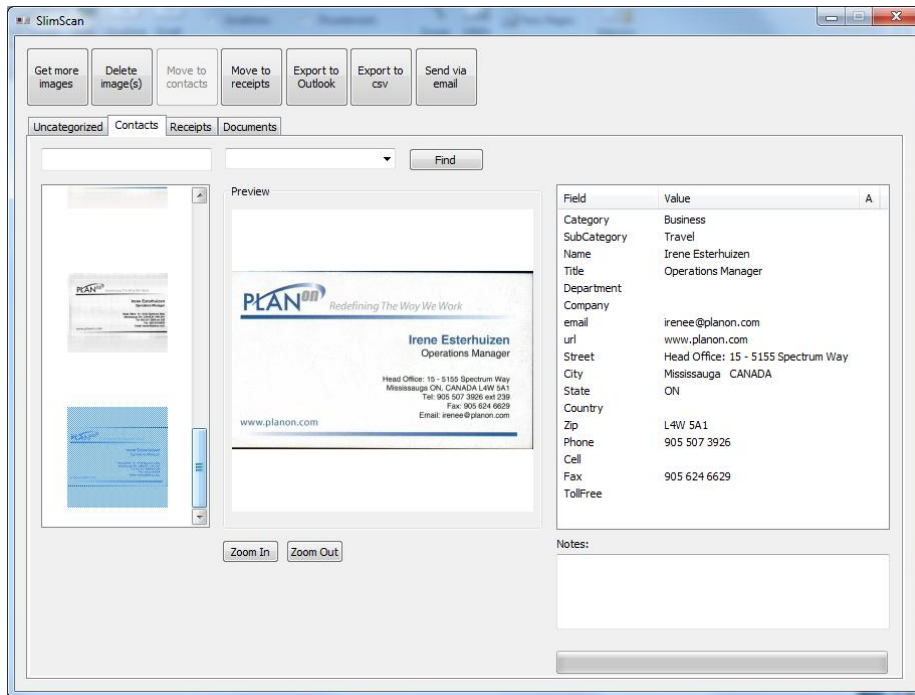


Figure 19:

3 SlimScan Calibration

It is possible that you may need to re-calibrate the scanner after some time of use. This is in case you notice some issues with the image like vertical lines or bands. You will need to download and install KSApp application. You can get it from Planon support page - <http://www.planon.com/support/drivers>

3.1 KSApp Installation

Run the installation program - KSAppSetup.exe and follow the on-screen prompts.

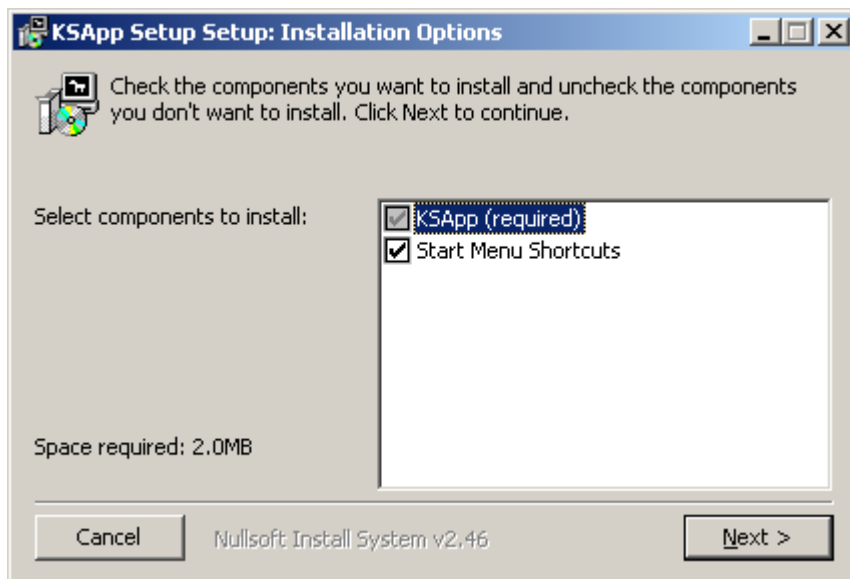


Figure 20: Check or un-check “Start Menu Shortcuts” and click on “Next” button.

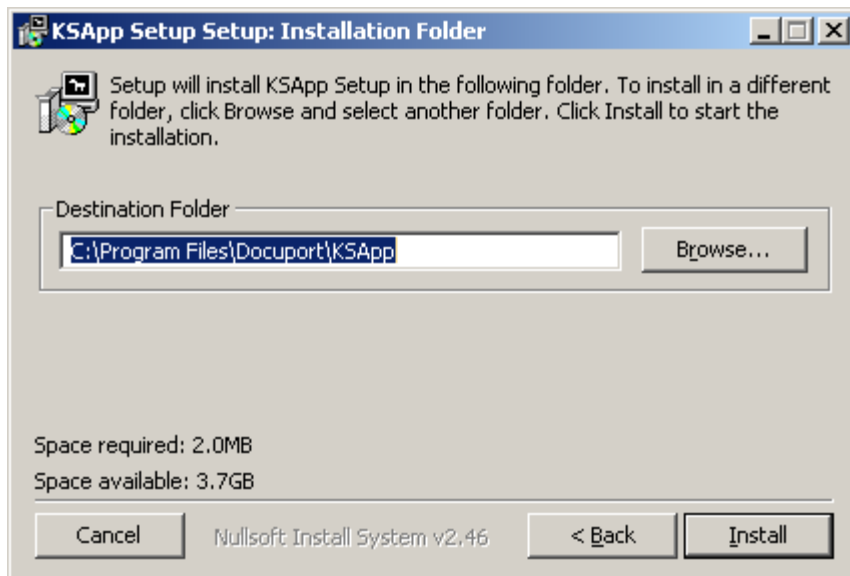


Figure 21: Select where you want to install the program and click on “Install” button.

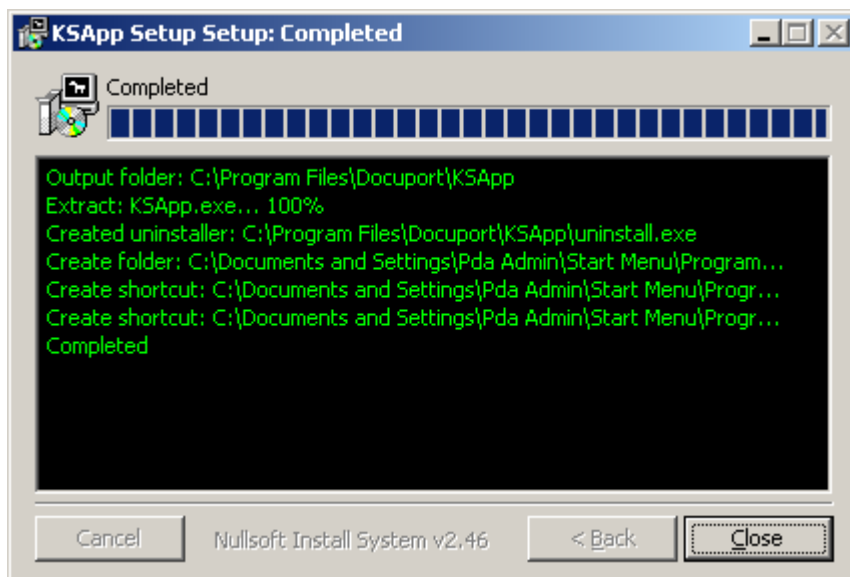


Figure 22: Click on "Close" button once done.

The program is installed under your “Program Files” folder. For convenience, a Start Menu shortcut is also added under Start -> All Programs -> KSApp. It contains shortcut for KSApp.exe and Uninstall.exe

3.2 KSApp Usage

Run KSApp program from **Start Menu->All Programs->KSApp**

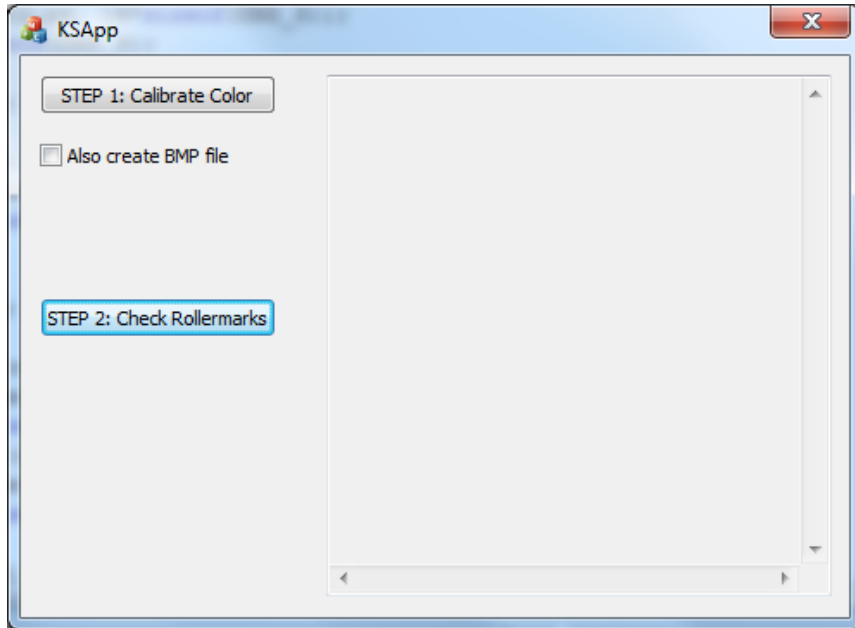


Figure 23: KSApp User Interface

There are two buttons in the KSApp user interface –

STEP 1: Calibrate Color

STEP 2: Check Rollermarks

Below are step-by-step guides for color and roller calibration -

STEP 1: Calibrate Color – Step by Step Guide

- 1) Turn ON the scanner
- 2) From screen menu, select **Setup->Calibrate->Acquire**
- 3) Scan the Color Calibration paper as highlighted in Figure 5. It looks like –



Figure 24: Color Calibration Paper. Make sure it's printed on photo paper.

- 4) Connect the scanner to PC via USB
- 5) Run KSAApp.exe and select STEP 1: Calibrate Color. The File Open dialog window will open. Point it to the Keychain scanner's CALIB folder –

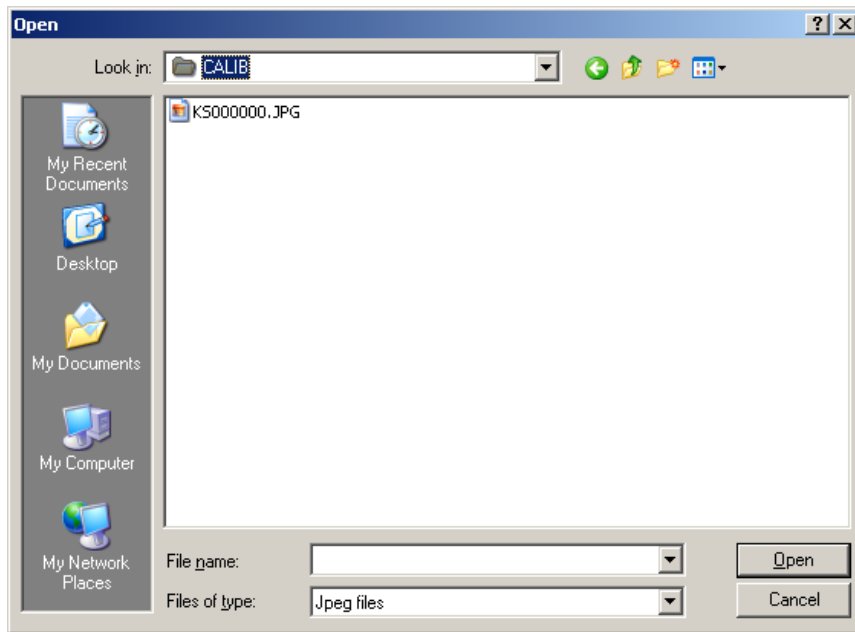


Figure 25: File Open dialog window

6) Select the color calibration file that you created in step 3) above. It is named like KSXXXXXX.JPG. You need to “Open” the file with highest number if you scanned before as well. Make sure you select “Also create BMP file”, you will need it for STEP 2

If everything is OK you will see “Success” message and green Tick icon like below –

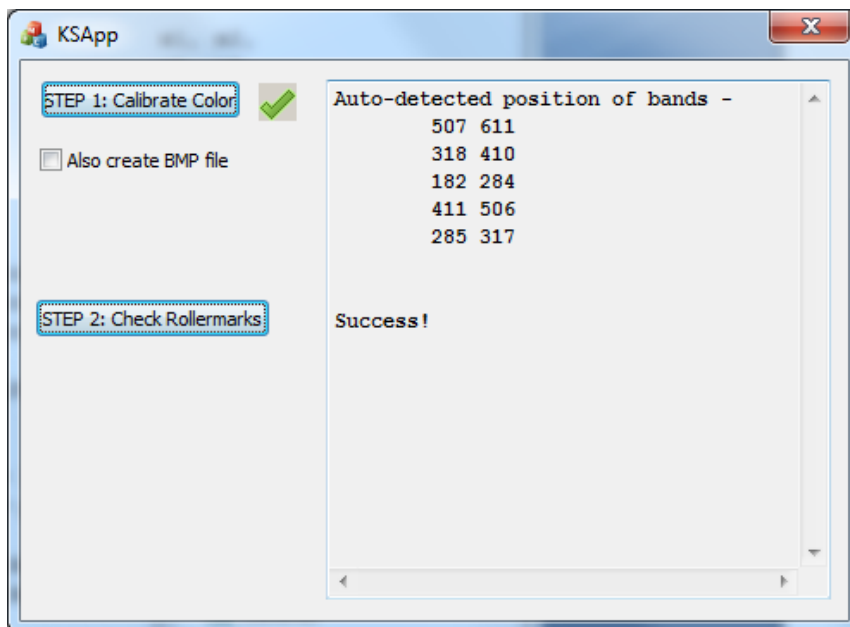


Figure 26: Color Calibration finished successfully!

NOTE: If there are any errors, you will see an error message in place of “Success” message. Repeat the process as guided by the error message. **Please ignore if there are few bad pixels.**

STEP 2: Check Rollermarks – Step by Step Guide

1) Select STEP 2: Check Rollermarks. The File Open dialog window will open. Point it to the Keychain scanner’s CALIB folder –

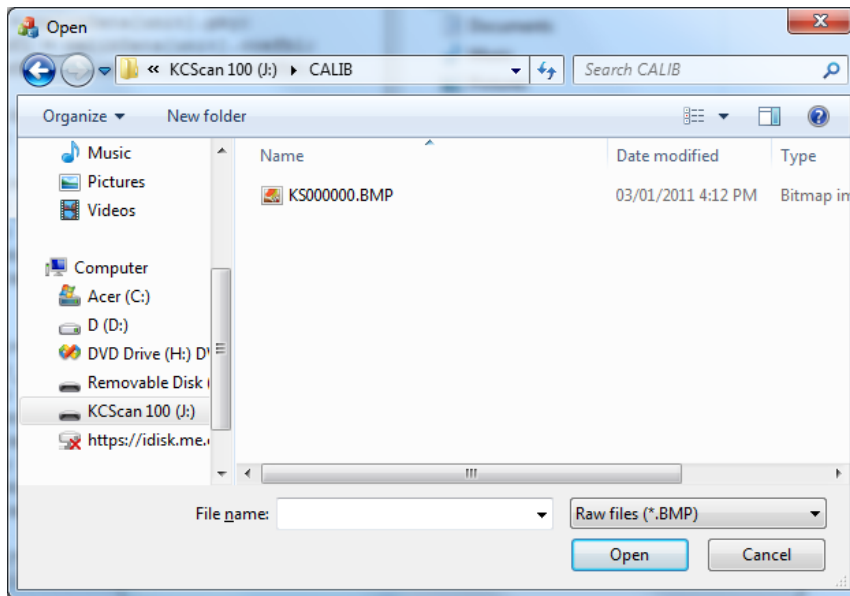
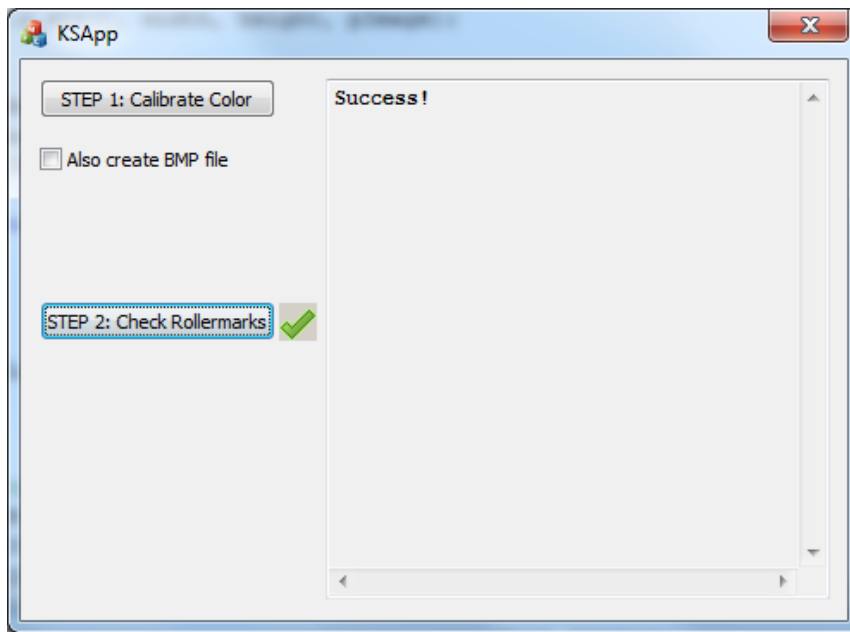


Figure 27

2) Select the BMP file that you created in step 6) of STEP 1: Calibrate Color, and click on “Open” button.

If everything is OK you will see “Success” message and green Tick icon like below –



NOTE: If there are any errors, you will see an error message in place of "Success" message. Repeat the process as guided by the error message.

- 3) Disconnect the scanner from computer, and power it ON.
- 4) From screen menu, select **Setup->Calibrate->Apply**

4 SlimScan Firmware Upgrade

For doing firmware upgrade, you will need to install the WideUSB driver and PenProgSolo programmer. Both can be downloaded from Planon support page - <http://www.planon.com/support/drivers>

If you already installed WideUSB with another Planon product (Docupen or PrintStick), then you may skip to section 4.2 *PenProgSolo installation*

4.1 WideUSB Installation

1. Run the WideUSB driver installation file that you downloaded.



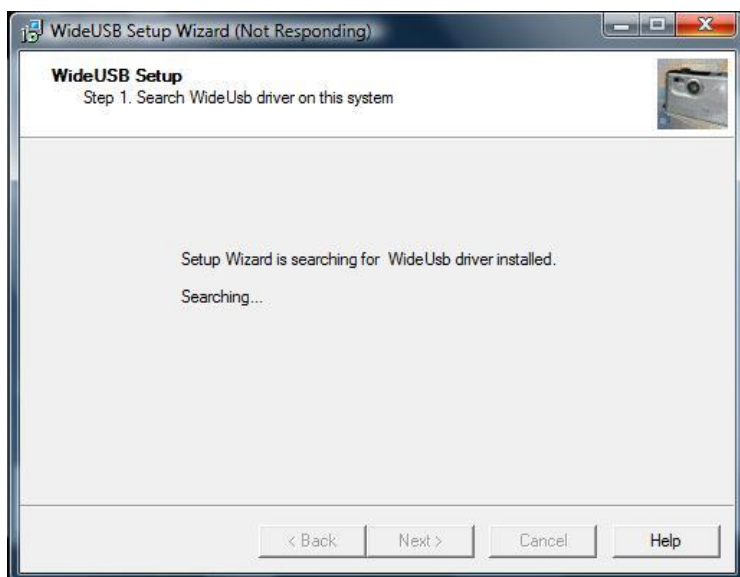
2. The following USB driver window will appear, click the Next button.



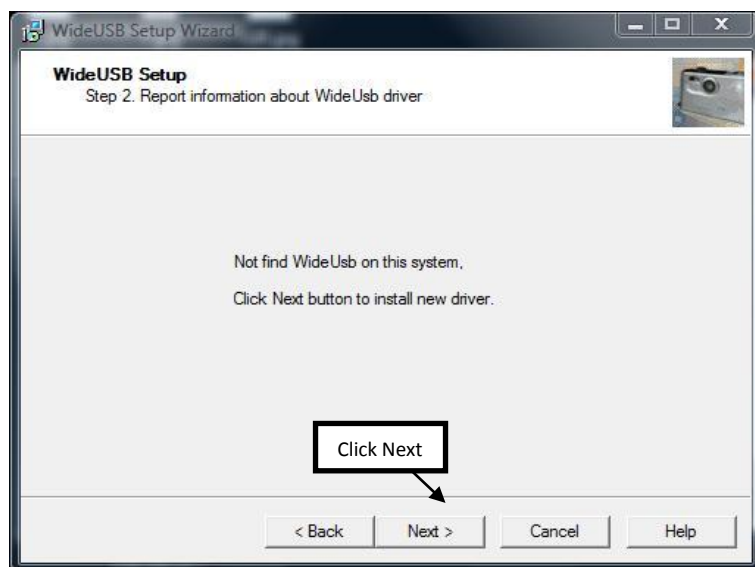
3. The following WideUSB Welcome window will appear. Click the Next button.



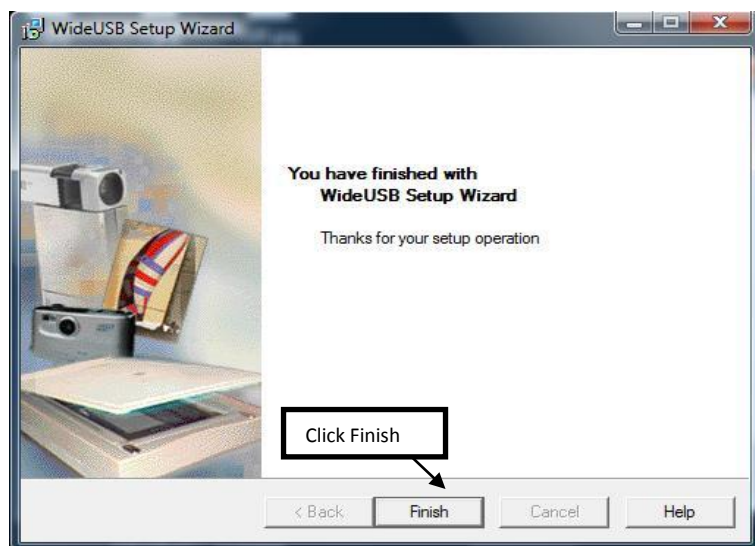
4. The USB driver will start to search for previously installed WideUSB driver. If you have already the WideUSB driver on your PC, follow the uninstall instructions, and then restart the USB driver installation.



5. After the search is complete, click the next button.



6. The USB driver will start installing. You will be prompted to click the Finish button to complete the USB driver installation.



4.2 PenProgSolo Installation

Run PenProgSolo installer from the SlimScan Disk or the one downloaded from Planon support page -

You will see the “Welcome Screen” like below -



Figure 28: Welcome Screen

Click “Next” to proceed. You will see “Select Installation Folder” screen like below -

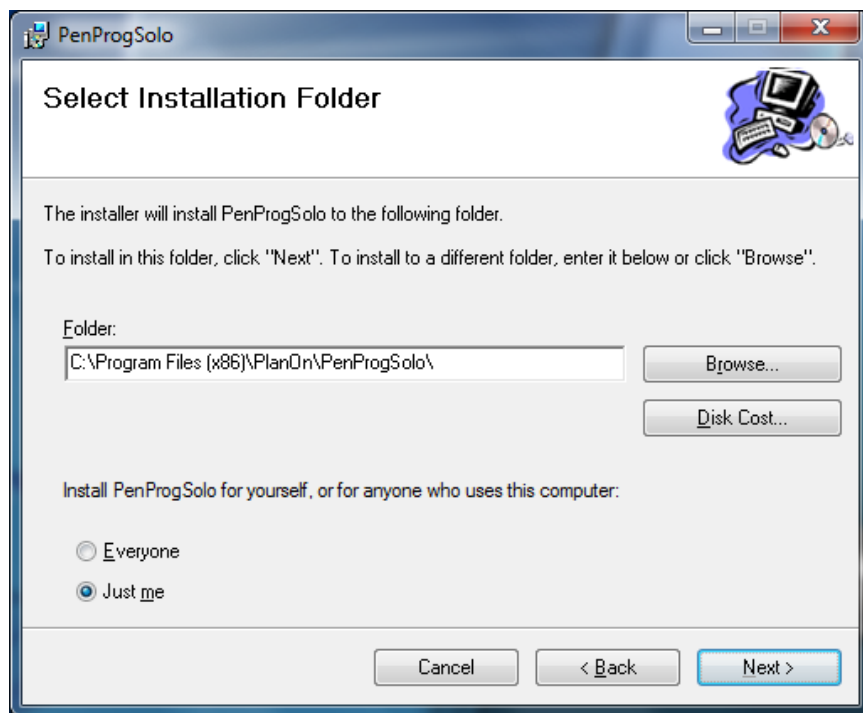


Figure 29: Select Installation Folder

Click "Next" to proceed. You will see "Confirm Installation" screen like below -

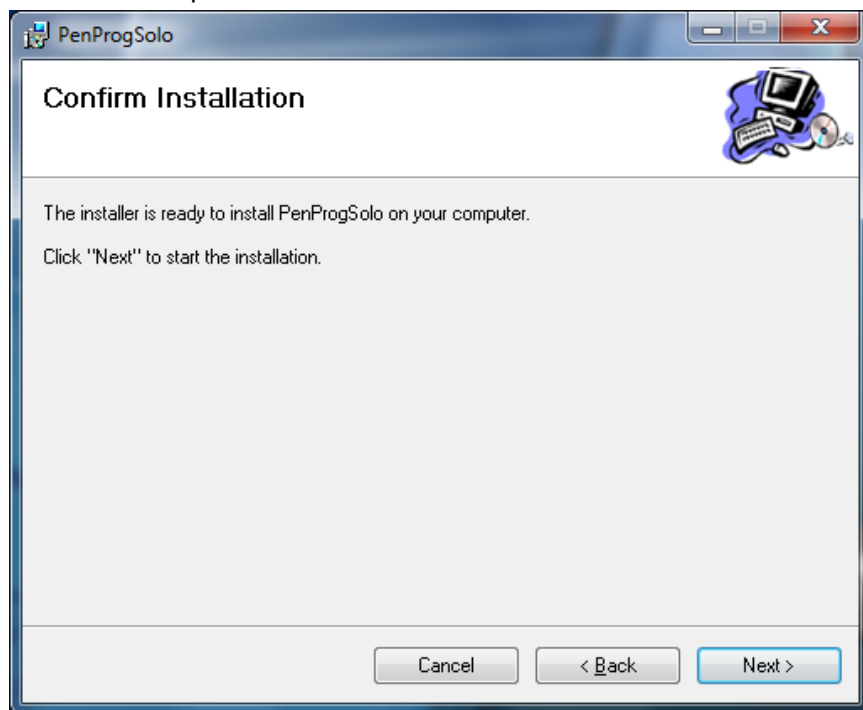


Figure 30: Confirm Installation

Click “Next” to proceed. You will see “Installing PenProgSolo” progress screen like below -

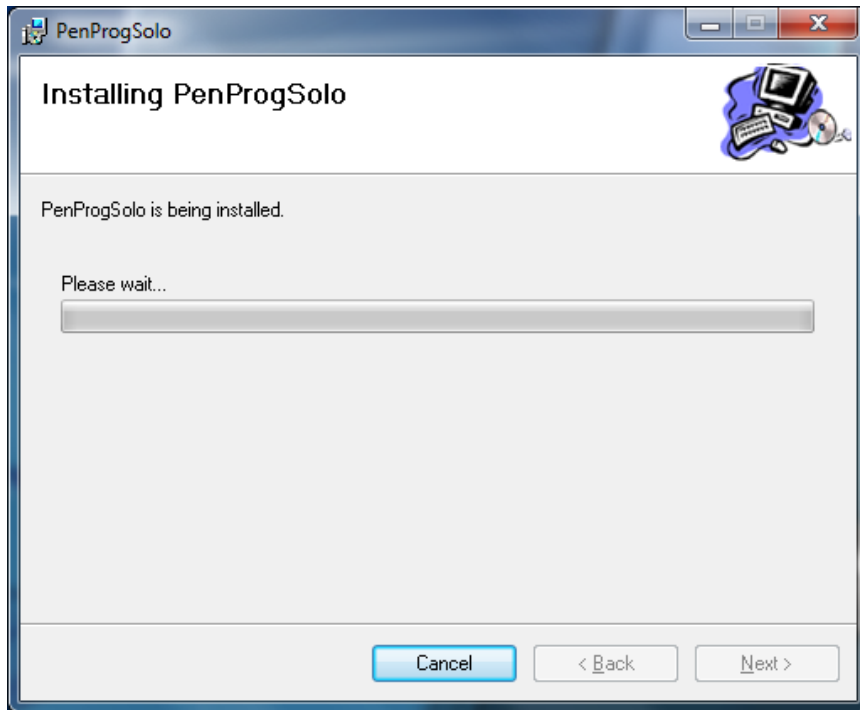


Figure 31: Installing PenProgSolo progress

If you see a “User Account Control” window like below, you need to click “Yes” to proceed, otherwise the installation will stop.

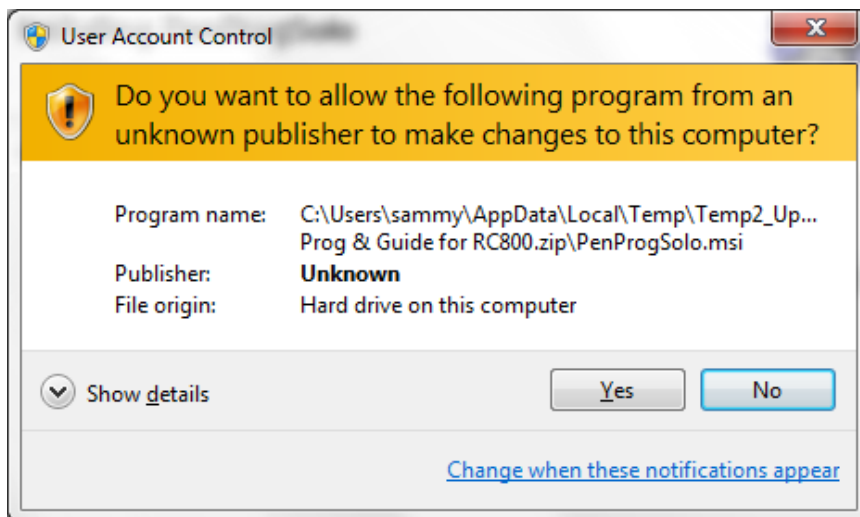


Figure 32: User Access Control

In few moments the installation will be complete, and you will see the following screen -

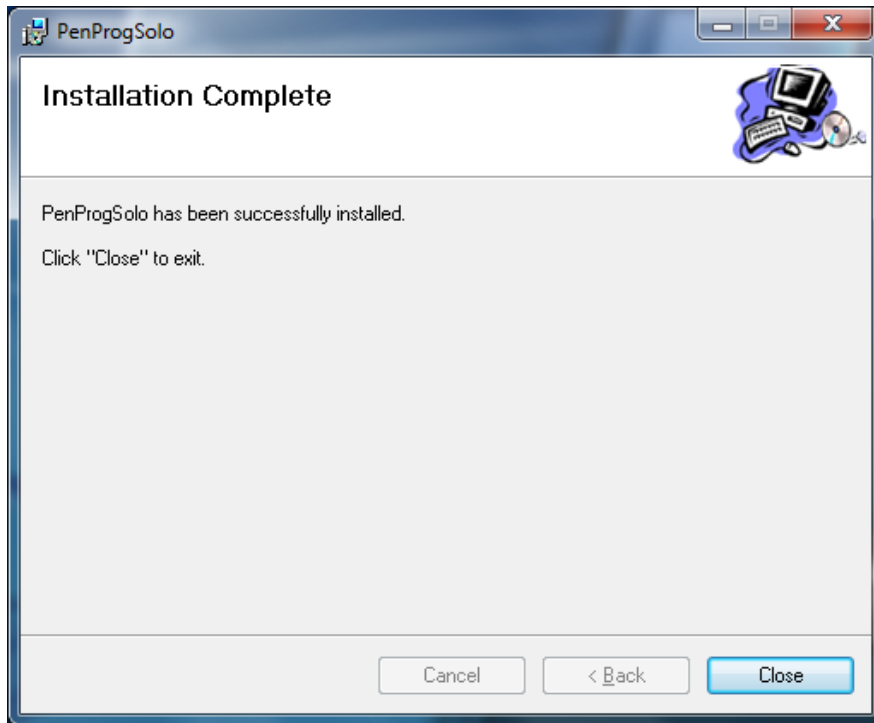


Figure 33: Installation Complete

You can click on “Close” button now as the installation is complete.

4.3 PenProgSolo Usage

STEP 1: Power on the SlimScan scanner by pressing the middle button while its disconnected from PC. It will show the “Main” screen like in Figure 27.

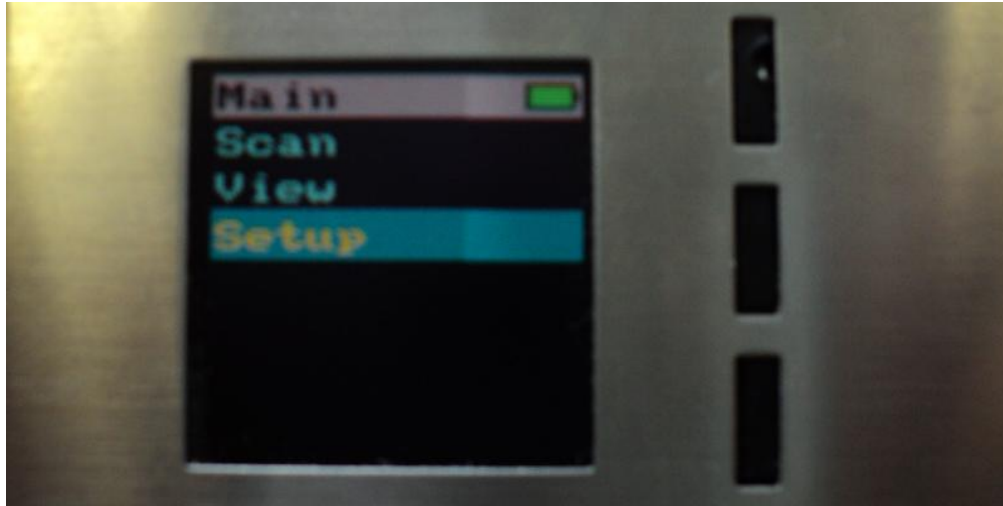


Figure 34: Main Screen

STEP 2: Highlight “Setup” by selecting up / down keys. Then Select it by pressing the middle button. You should see “Setup” screen like in Figure 28.



Figure 35: Setup Screen

STEP 3: Highlight “System” by selecting up / down keys. Then Select it by pressing the middle button. You should see “System” screen like in Figure 29.



Figure 36: System Screen

STEP 4: Highlight “Update Firmware” by selecting up / down keys. Then Select it by pressing the middle button. You should see “USB Connecting” screen like in Figure 30.



Figure 37: USB Connecting...

STEP 5: Now connect the scanner to PC where you installed the PenProgSolo and WideUSB driver. You should see “USB Connected” screen like Figure 31



Figure 38: USB Connected

STEP 6: Run PenProgSolo on your PC. Make sure the version you are using is latest from the Planon Support page, and it says “with Keychain Scanner Support”. You should see a window like in Figure 32.

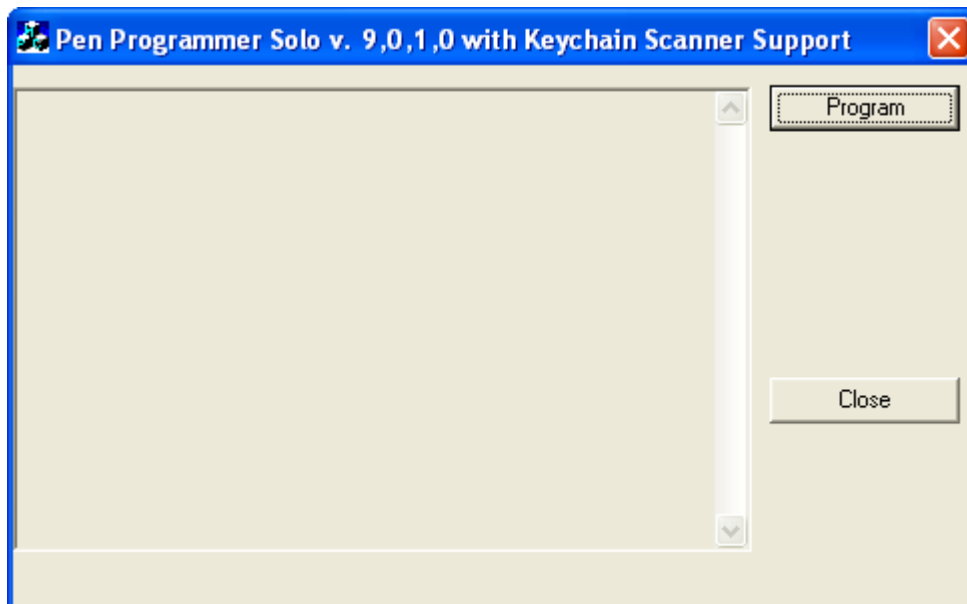


Figure 39

STEP 7: Click on the “Program” button. It will ask you to “Enter your authorization code”. You should see a window like in Figure 33.

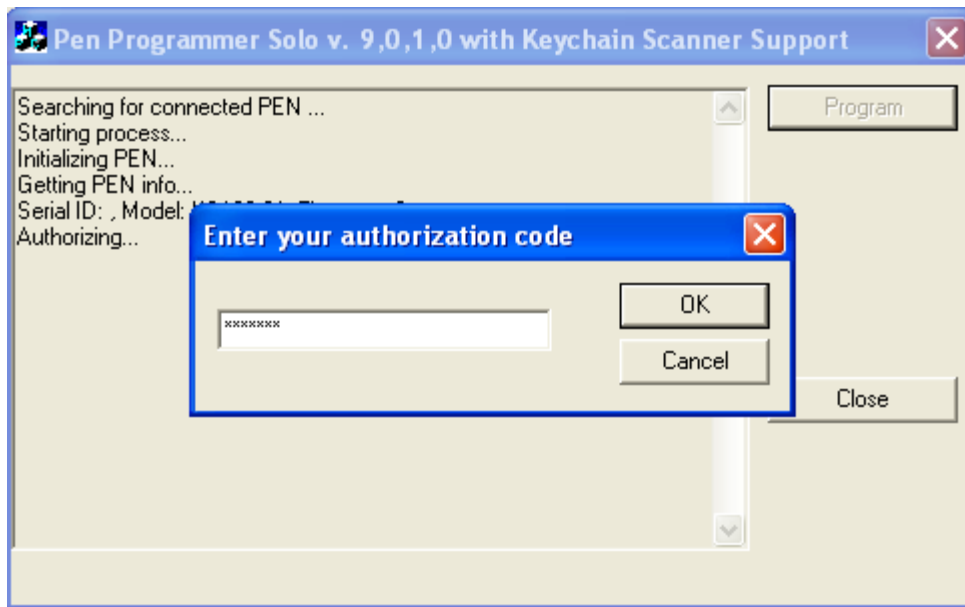


Figure 40

STEP 8: Enter your authorization code 'SOLO' and click on “OK” button. After the program authorized you, it will upgrade the scanner’s firmware to latest from Planon server. You should see a window like in Figure 34 with SUCCESS message.

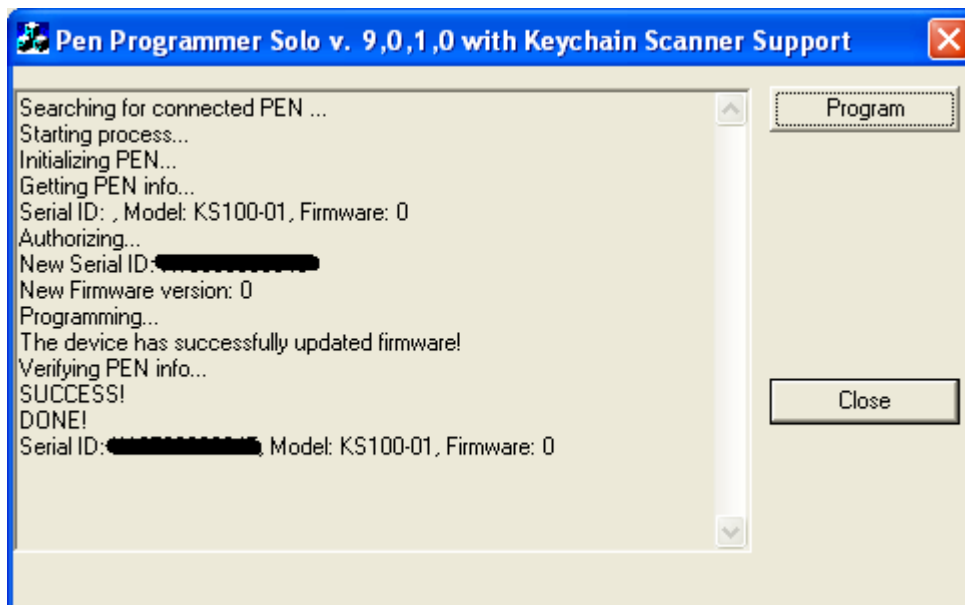


Figure 41: SUCCESS

STEP 9: Verify on the scanner, you should see a screen like in Figure 35.



Figure 42

Congratulations! The scanner now has the latest firmware.

Appendix

SlimScan scanner

Size: 8.5 X 4.2 X 0.4 cm

Weight: 30 grams

Resolution: 300 dpi

Scan mode: Color 24bit JPEG

Scan Speed: For good results, minimum 1 second per cm (8.5 seconds for standard business card scanned on the longer side which is 8.5 cm). For better OCR, you need to go about 1.5 seconds per cm.

Memory: 64 MB flash. The number of pages varies depending on text, and graphics.

USB: 2.0

Battery: Lithium Ion Rechargeable

Battery Charge: Full Battery Charge 180 minutes

Software interface: SlimScan Service, SlimScan Business Card and Receipts Manager Software

Scanning method: Contact image sensor

Software Support

Windows 2000/ME/XP/Vista/7

WARRANTY

If you find physical defects in the materials or the workmanship used in making the product described in this document, Planon will repair, or at its option, replace, the product at no charge to you, provided you return it (postage prepaid, with proof of your purchase from the original reseller) during the 3-month period after the date of your original purchase of the product. Upon registration of the product with Planon at www.planon.com, the warranty is automatically extended for an additional 9 months for a total of 12 months.

1. Term - The Standard Warranty is effective for 12 months from the original date of purchase.
2. Service Agreement - Customer must call Planon Customer support for a Return Merchandise Authorization (RMA) number. Upon prepaid return of any malfunctioning unit, Planon will repair or replace, at its option, such unit and return it, postpaid, to the owner.
3. Equipment Changes - Service coverage applies only to unmodified equipment or products modified by authorized personnel.
4. Exclusions - 12 month warranty covers printer and accessories only. Separate warranties cover the battery and Planon Paper (90 days from original purchase). Warranty service does not include damaged, modified, or misused equipment. Such equipment is subject to standard repair charges.
5. Identification - Planon shall be allowed to place identification marks on equipment covered under this agreement.
6. Planon Responsibility Limits - Planon shall not be liable for incidental, special, direct, indirect, or consequential damages. Its total liability is limited to actual damages up to the cost of the product.
7. Ownership - The customer represents that they are the owner of the equipment or they have authority from the owner to order warranty service.
8. Controlling Laws - This agreement will be governed by the laws of the Province of Ontario, Canada.
9. Force Majeure - Planon is not responsible for any failure to render service due to strikes, fire, flood, other acts of God, or causes beyond its control.
10. Assignment - Planon may assign this agreement and its rights to any parent, subsidiary, or affiliate.